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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99) Application Number 10551028 Filing Date 2005-09-29 First Named Inventor Rafael WIEMKER, ET AL Art Unit 3736 Examiner Name Attorney Docket Number DE030098

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|                      | 3          | 6366800                                 | B1                           | 2002-04   | l-02                      | VINING ET AL                  |                                                                   |          |                             |             |    |
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|                      | 1          | 0154065                                 | wo                           |           | A1                        | 2001-07-26                    | ARCH DEVE CORP                                                    |          |                             |             |    |

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

( Not for submission under 37 CFR 1.99)

| Application Number         |  | 10551028       |  |  |  |
|----------------------------|--|----------------|--|--|--|
| Filing Date                |  | 2005-09-29     |  |  |  |
| First Named Inventor Rafae |  | WIEMKER, ET AL |  |  |  |
| Art Unit                   |  | 3736           |  |  |  |
| Examiner Name              |  |                |  |  |  |
| Attorney Docket Number     |  | DE030098       |  |  |  |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2       | 02085                                                                                                                                                                  | 5211               | WO                 | A2       | 2002-10-31       | SIEMENS CORP               |            |  |  |  |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1       | PAUL A BRATHWAITE, ET AL: Lunem Detection in Human IVUS Images Using Region-Growing, IEEE September 1996, pages 37-40, XP010205882                                     |                    |                    |          |                  |                            |            |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2       | GUNILLA BORGEFORS: Distance Transformations in Digital Images, Graphics and Image Processing Vol. 34, 1986, pages 344-371                                              |                    |                    |          |                  |                            |            |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3       | D. WORMANNS, ET AL: Clinical Evaluation of the Reproducibility of Volume Measurements of Pulmonary Nodules, Proc. SPIE Medical Imaging 2002, Vol. 4684, pages 316-322, |                    |                    |          |                  |                            |            |  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4       | C. L. WYATT, ET AL: Automatic Segmentation of the Colon for Virtual Colonscopy, Medical Imaging and Graphics Vol. 24, 2000, pages 1-9                                  |                    |                    |          |                  |                            |            |  |  |  |  |
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